

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits   | Search Query   | DBs                       | Default Operator | Plurals | Time Stamp          |
|-------|--------|--|---------------------------|------------------|---------|---------------------|
| L1    | 3536   | hamamatsu near2 photonics  | US-PGPUB;<br>USPAT        | OR               | OFF     | 2009/08/14<br>12:07 |
| L2    | 780    | L1 and capaci\$4   | US-PGPUB;<br>USPAT        | OR               | OFF     | 2009/08/14<br>12:07 |
| L3    | 210    | L1 and capaci\$4 and dynamic   | US-PGPUB;<br>USPAT        | OR               | OFF     | 2009/08/14<br>12:07 |
| L4    | 5      | ("6498332").URPN.  | USPAT                     | OR               | OFF     | 2009/08/14<br>12:07 |
| L5    | 1151   | (348/241).CCLS.  | US-PGPUB;<br>USPAT; USOCR | OR               | OFF     | 2009/08/14<br>12:07 |
| L6    | 580    | L5 and switch  | US-PGPUB;<br>USPAT        | OR               | OFF     | 2009/08/14<br>12:07 |
| L7    | 77     | capaci\$4 and dyanmic  | US-PGPUB;<br>USPAT        | OR               | OFF     | 2009/08/14<br>12:07 |
| L8    | 235759 | capaci\$4 and dynamic  | US-PGPUB;<br>USPAT        | OR               | OFF     | 2009/08/14<br>12:07 |
| L9    | 188    | L8 and L5  | US-PGPUB;<br>USPAT        | OR               | OFF     | 2009/08/14<br>12:07 |
| L10   | 52     | parallel same capacitance\$1 and<br>250/214a.ccls. and dynamic with<br>range | US-PGPUB;<br>USPAT        | OR               | OFF     | 2009/08/14<br>12:07 |

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|-----|----|---|------------------------|----|-----|------------------|
| L11 | 52 | parallel same capacitance\$1 and 250/214a.ccls. and dynamic with range  | US-PGPUB; USPAT        | OR | ON  | 2009/08/14 12:07 |
| L12 | 67 | ko.xa. and capacit\$4   | US-PGPUB; USPAT        | OR | ON  | 2009/08/14 12:07 |
| L13 | 1  | ("7075050").URPN.   | USPAT                  | OR | OFF | 2009/08/14 12:07 |
| L14 | 2  | ("5510789"   "6163029").PN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/14 12:07 |
| L15 | 3  | ("6670903").URPN.   | USPAT                  | OR | OFF | 2009/08/14 12:07 |
| L16 | 10 | ("20020122129"   "6115066"   "6137432"   "6344877"   "6476751"   "6545624"   "6567028"   "6633335"   "6670903"   "6727486").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/14 12:07 |
| L17 | 10 | ("20020122129"   "6115066"   "6137432"   "6344877"   "6476751"   "6545624"   "6567028"   "6633335"   "6670903"   "6727486").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/14 12:07 |
| L18 | 8  | ("6885331").URPN.   | USPAT                  | OR | OFF | 2009/08/14 12:07 |
| L19 | 3  | ("5841310"   "6538593"   "6608583").PN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/14 12:07 |

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| L20 | 0    | 2002/12845   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/08/14<br>12:07 |
| L21 | 3    | "0212845"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/08/14<br>12:07 |
| L22 | 1099 | switch\$4 same variable with capac<br>\$5 and (dynamic near2 range dark<br>near2 current\$1)   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/08/14<br>12:07 |
| L23 | 629  | L22 and integrat\$4 near2 circuit  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/08/14<br>12:07 |
| L24 | 361  | L22 and integrat\$4 near2 circuit<br>and diode\$1  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/08/14<br>12:07 |
| L25 | 12   | ("3898617"   "4701784"  <br>"5343201"   "5387933"  <br>"5479208"   "5619262"  <br>"5831258"   "6002435"  <br>"6597007"   "6606123"  <br>"6642501"   "6757627").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/08/14<br>12:07 |
| L26 | 1    | ("7286172").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/08/14<br>12:07 |
| L27 | 4510 | (250/208.1).CCLS.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/08/14<br>12:07 |

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| L28 | 1568 | (250/290-293).CCLS.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L29 | 3    | ((("4" four) adj t) and ko.xa.  | US-PGPUB;<br>USPAT        | OR | OFF | 2009/08/14<br>12:07 |
| L30 | 13   | ("20040174450"   "20040251394"  <br>"20050083421"   "4744057"  <br>"5041890"   "5877715"  <br>"5898168"   "5920274"  <br>"6115066"   "6184055"  <br>"6344877"   "6888573"  <br>"7002231").PN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L31 | 0    | ("7176434").URPN.   | USPAT                     | OR | OFF | 2009/08/14<br>12:07 |
| L32 | 75   | (four with transistor\$1) same cmos<br>and 250/208.1.ccls.  | USPAT                     | OR | OFF | 2009/08/14<br>12:07 |
| L33 | 1    | ("20020190188").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L34 | 138  | photodiode same integrat\$4 near2<br>circuit and substrate with bumps   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2009/08/14<br>12:07 |
| L35 | 5    | four with semiconductor with<br>region same photodiode and "250"/<br>\$.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2009/08/14<br>12:07 |
| L36 | 220  | p same n same semiconductor with<br>region same photodiode and "250"/<br>\$.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2009/08/14<br>12:07 |
| L37 | 1    | ("6908779").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L38 | 1    | ("7208717").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |

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|-----|------|--|---------------------------|----|-----|---------------------|
| L39 | 5    | ("20010008271"   "5452338"   "6222901"   "6353654"   "6996288").PN.    | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L40 | 1    | ("5798195").PN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L41 | 1    | ("7286172").PN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L42 | 1568 | (250/290-293).CCLS.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L43 | 4510 | (250/208.1).CCLS.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L44 | 52   | parallel same capacitance\$1 and 250/214a.ccls. and dynamic with range | US-PGPUB;<br>USPAT        | OR | ON  | 2009/08/14<br>12:07 |
| L45 | 1    | ("20080001060").PN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L46 | 589  | (341/161).CCLS.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L47 | 1793 | (348/294,608,301,307).CCLS.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L48 | 94   | hamamatsu near2 photonic   | US-PGPUB;<br>USPAT        | OR | OFF | 2009/08/14<br>12:07 |
| L49 | 3536 | hamamatsu near2 photonics  | US-PGPUB;<br>USPAT        | OR | OFF | 2009/08/14<br>12:07 |
| L50 | 94   | hamamatsu near2 photonic   | US-PGPUB;<br>USPAT        | OR | OFF | 2009/08/14<br>12:07 |
| L51 | 210  | L49 and capaci\$4 and dynamic  | US-PGPUB;<br>USPAT        | OR | OFF | 2009/08/14<br>12:07 |

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| L52 | 1793   | (348/294,608,301,307).CQLS.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L53 | 4284   | (250/214r).CQLS.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L54 | 808    | (250/214a).CQLS.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L55 | 0      | ("00214ag").PN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L56 | 280    | (250/214ag).CQLS.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L57 | 106    | L56 and dynamic  | US-PGPUB;<br>USPAT        | OR | OFF | 2009/08/14<br>12:07 |
| L58 | 94     | hamamatsu near2 photonic   | US-PGPUB;<br>USPAT        | OR | OFF | 2009/08/14<br>12:07 |
| L59 | 1      | ("5892540").PN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L60 | 52     | parallel same capacitance\$1 and<br>250/214a.ccls. and dynamic with<br>range | US-PGPUB;<br>USPAT        | OR | OFF | 2009/08/14<br>12:07 |
| L61 | 235759 | capaci\$4 and dynamic  | US-PGPUB;<br>USPAT        | OR | OFF | 2009/08/14<br>12:07 |
| L62 | 3536   | hamamatsu near2 photonics  | US-PGPUB;<br>USPAT        | OR | OFF | 2009/08/14<br>12:07 |
| L63 | 210    | L62 and capaci\$4 and dynamic  | US-PGPUB;<br>USPAT        | OR | OFF | 2009/08/14<br>12:07 |
| L64 | 3536   | hamamatsu near2 photonics  | US-PGPUB;<br>USPAT        | OR | OFF | 2009/08/14<br>12:07 |

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| L65 | 1793 | (348/294,608,301,307).CCLS.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L66 | 280  | (250/214ag).CCLS.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L67 | 808  | (250/214a).CCLS.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L68 | 4284 | (250/214r).CCLS.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L69 | 1    | ("7442911").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L70 | 1    | ("20060197083").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L71 | 1    | ("7286172").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L72 | 52   | parallel same capacitance\$1 and<br>250/214a.ccls. and dynamic with<br>range                | US-PGPUB;<br>USPAT        | OR | ON  | 2009/08/14<br>12:07 |
| L73 | 1099 | switch\$4 same variable with capacitance\$5 and (dynamic near2 range dark near2 current\$1) | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2009/08/14<br>12:07 |
| L74 | 361  | L73 and integrat\$4 near2 circuit<br>and diode\$1   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2009/08/14<br>12:07 |
| L75 | 4284 | (250/214R).CCLS.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |
| L76 | 238  | L75 and L61   | US-PGPUB;<br>USPAT        | OR | OFF | 2009/08/14<br>12:07 |
| L77 | 5733 | (250/214LS,214A,208.1).CCLS.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |

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|-----|----|---------------------|---------------------------|----|-----|---------------------|
| L78 | 0  | L59 and L62         | US-PGPUB;<br>USPAT        | OR | OFF | 2009/08/14<br>12:07 |
| L79 | 40 | L77 and L62         | US-PGPUB;<br>USPAT        | OR | OFF | 2009/08/14<br>12:07 |
| L80 | 1  | ("20060197083").PN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>12:07 |

8/14/09 12:24:01 PM

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